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=> fil hcaplus
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FILE COVERS 1907 - 4 Jan 2006  VOL 144 ISS 2
FILE LAST UPDATED: 3 Jan 2006  (20060103/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> d stat que
L1          727 SEA FILE=REGISTRY ABB=ON  PLU=ON  POLYAMIDES OR NYLON OR
                NYLONS OR POLYACETAL OR POLYACETALS
L2          471 SEA FILE=REGISTRY ABB=ON  PLU=ON  CARBOXYLIC ACID?/CN OR
                SULFONIC ACID?/CN OR (SULFONE OR SULPHONE)(L)AMIDE?
L3          269 SEA FILE=REGISTRY ABB=ON  PLU=ON  PERMETHRIN OR PYRETHRIN?  OR
                PYRETHROI?
L4        15263 SEA FILE=REGISTRY ABB=ON  PLU=ON  INORGANIC(L)FIBER OR FIBROUS
                OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR ZONO?
L5       198084 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L1 OR POLYAMIDE OR NYLON OR
                NYLONS OR POLYACETAL OR POLYACETALS
L6       289693 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L2 OR (CARBOXYLIC OR SULFONIC
                OR SULPHONIC)(W)ACID? OR  (SULFONE OR SULPHONE)(L)AMIDE?
L7        16709 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L3 OR PERMETHRIN OR PYRETHRIN?
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L8      1099753 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L4 OR INORGANIC(L)FIBER OR
                FIBROUS OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR
                ZONO?
L9            3 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6 AND L7 AND L8


=>
=> d ibib abs hitstr l9 1-3

L9   ANSWER 1 OF 3  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2005:141200  HCAPLUS
DOCUMENT NUMBER:          142:254568
TITLE:                    Methods and compositions for increasing the efficacy
                          of biologically-active ingredients such as antitumor
                          agents
INVENTOR(S):              Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.;
                          Thomas, Collin E.
PATENT ASSIGNEE(S):       Board of Regents, the University of Texas System, USA
SOURCE:                   PCT Int. Appl., 243 pp.
                          CODEN: PIXXD2
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DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014777	A2	20050217	WO 2003-US32667	20031016
WO 2005014777	A3	20050915		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2502148	AA	20050217	CA 2003-2502148	20031016
EP 1576150	A2	20050921	EP 2003-816736	20031016
EP 1576150	A3	20051102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2002-418803P P 20021016
WO 2003-US32667 W 20031016

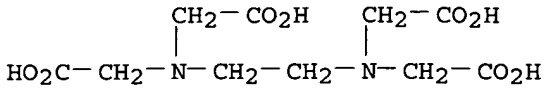
AB The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the efficacy of active agents, the invention allows use of compns. with lowered concns. of active ingredients.

IT **7631-86-9**, **Silica**, biological studies
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(crystalline-fused; methods and compns. for increasing efficacy of biol.-active ingredients such as antitumor agents)
RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

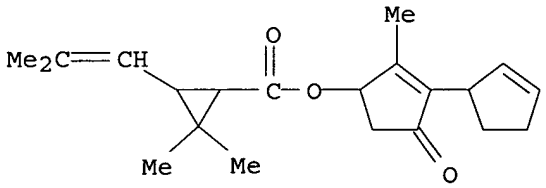
O=Si=O

IT **60-00-4**, biological studies **97-11-0 121-21-1**
121-29-9 139-33-3 1318-00-9, Vermiculite
(Mg0.33[Mg2-3(Al0-1Fe0-1)0-1](Si2.33-3.33Al0.67-1.67)(OH)2O10.4H2O)
1343-88-0 1343-98-2, Silicic acid **1344-09-8**
1344-28-1, Aluminum oxide (Al2O3), biological studies
10279-57-9 13463-67-7, Titanium oxide (TiO2), biological studies **28434-01-7 52315-07-8 52645-53-1**
54774-45-7 62449-69-8 64491-92-5
66841-24-5 67375-30-8 71697-59-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(methods and compns. for increasing efficacy of biol.-active ingredients such as antitumor agents)
RN 60-00-4 HCAPLUS

CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)- (9CI) (CA INDEX NAME)

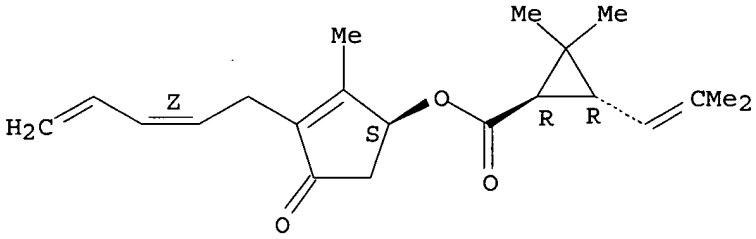


RN 97-11-0 HCAPLUS
CN Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, 3-(2-cyclopenten-1-yl)-2-methyl-4-oxo-2-cyclopenten-1-yl ester (9CI) (CA INDEX NAME)



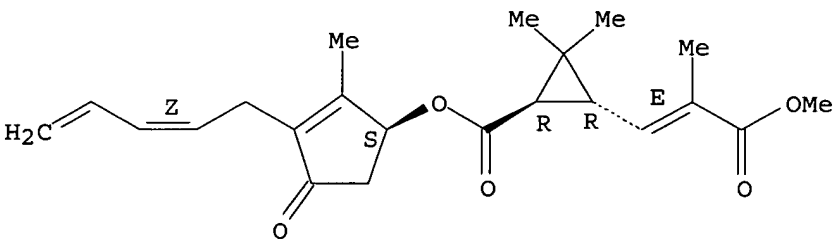
RN 121-21-1 HCAPLUS
CN Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, (1S)-2-methyl-4-oxo-3-(2Z)-2,4-pentadienyl-2-cyclopenten-1-yl ester, (1R,3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

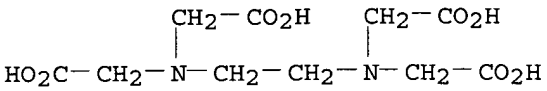


RN 121-29-9 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-[(1E)-3-methoxy-2-methyl-3-oxo-1-propenyl]-2,2-dimethyl-, (1S)-2-methyl-4-oxo-3-(2Z)-2,4-pentadienyl-2-cyclopenten-1-yl ester, (1R,3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 139-33-3 HCAPLUS
CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

RN 1318-00-9 HCAPLUS
CN Vermiculite (Mg0.33[Mg2-3(Al0-1Fe0-1)0-1](Si2.33-3.33Al0.67-1.67)(OH)2O10.4H2O) (9CI) (CA INDEX NAME)

CM 1

CRN 122872-60-0
CMF Al . Fe . H O . Mg . O3 Si . O
CCI TIS

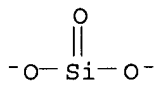
CM 2

CRN 17778-80-2
CMF O

O

CM 3

CRN 15593-90-5
CMF O3 Si



CM 4

CRN 14280-30-9
CMF H O

OH^-

CM 5

CRN 7439-95-4

CMF Mg

Mg

CM 6

CRN 7439-89-6
CMF Fe

Fe

CM 7

CRN 7429-90-5
CMF Al

Al

RN 1343-88-0 HCAPLUS
CN Silicic acid, magnesium salt (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 1343-98-2 HCAPLUS
CN Silicic acid (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 1344-09-8 HCAPLUS
CN Silicic acid, sodium salt (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 1344-28-1 HCAPLUS
CN Aluminum oxide (Al2O3) (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 10279-57-9 HCAPLUS
CN Silica, hydrate (8CI, 9CI) (CA INDEX NAME)

O=Si=O

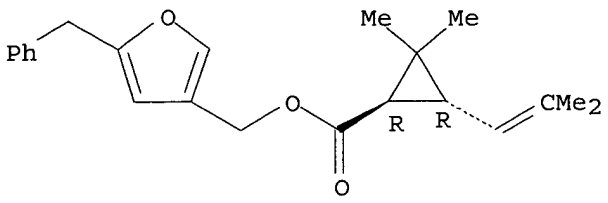
●x H_2O

RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)

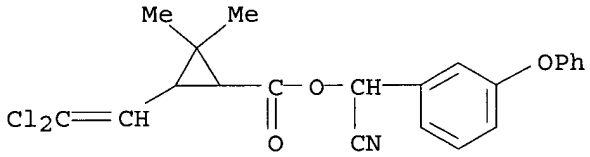
O=Ti=O

RN 28434-01-7 HCAPLUS
CN Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, [5-(phenylmethyl)-3-furanyl]methyl ester, (1R,3R)- (9CI) (CA INDEX NAME)

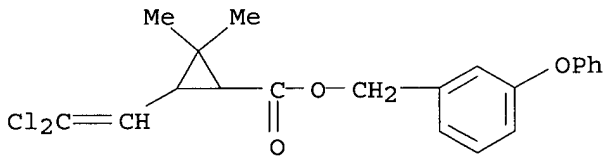
Absolute stereochemistry.



RN 52315-07-8 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl ester (9CI) (CA INDEX NAME)

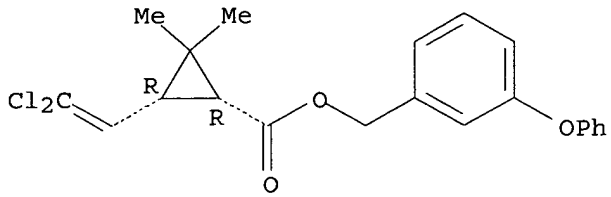


RN 52645-53-1 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl)methyl ester (9CI) (CA INDEX NAME)



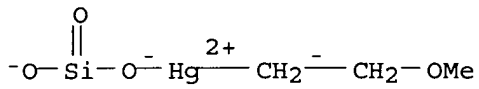
RN 54774-45-7 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl)methyl ester, (1R,3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



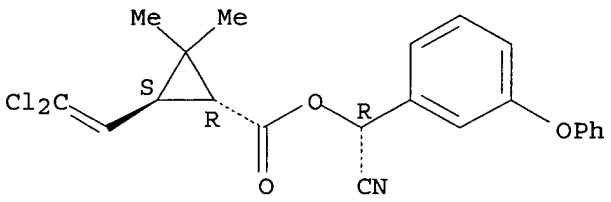
RN 62449-69-8 HCAPLUS
CN Silicate(2-), hexafluoro-, diammonium, mixt. with silica gel (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 64491-92-5 HCAPLUS
CN Mercurate(1-), [metasilicato(2-)-κO](2-methoxyethyl)-, hydrogen (9CI) (CA INDEX NAME)



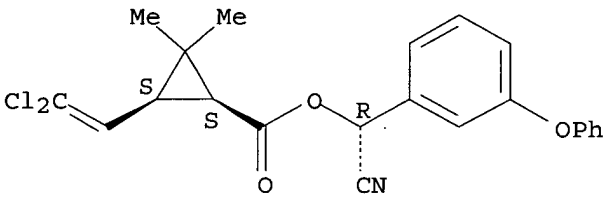
RN 66841-24-5 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (R)-cyano(3-phenoxyphenyl)methyl ester, (1R,3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



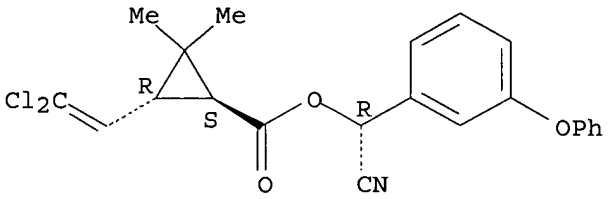
RN 67375-30-8 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (R)-cyano(3-phenoxyphenyl)methyl ester, (1S,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 71697-59-1 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (R)-cyano(3-phenoxyphenyl)methyl ester, (1S,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT **8062-15-5**, Lignosulfonic acid
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(zinc, manganese, iron salts; methods and compns. for increasing efficacy of biol.-active ingredients such as antitumor agents)
RN 8062-15-5 HCAPLUS
CN Lignosulfonic acid (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L9 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:383099 HCAPLUS
DOCUMENT NUMBER: 125:47857
TITLE: Chemical sensor with diffusion barrier
INVENTOR(S): Parsonage, Edward E.; Debe, Mark K.
PATENT ASSIGNEE(S): Minnesota Mining and Manufacturing Co., USA
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

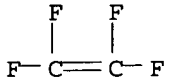
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9612949	A1	19960502	WO 1995-US11303		19950906
W: BR, CA, JP, KR, MX					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
CA 2201613	AA	19960502	CA 1995-2201613		19950906
EP 788597	A1	19970813	EP 1995-931731		19950906
R: DE, FR, GB, IT					
BR 9509481	A	19970930	BR 1995-9481		19950906
JP 10507831	T2	19980728	JP 1995-513886		19950906
PRIORITY APPLN. INFO.:			US 1994-328750	A	19941024
			WO 1995-US11303	W	19950906

AB A diffusion rate limited amperometric electrochem. sensor is provided. The sensor has at least two electrodes, an external circuit connected to said electrodes, an electrolyte capable of conducting ionic charge between electrodes, and a diffusion barrier coextensive with or covering one of said electrodes, said diffusion barrier being a porous membrane containing within the pores of the membrane a low vapor pressure liquid phase in which a gas to be detected is soluble Also provided are respirators, personal exposure indicators and environmental indicators, as well as a method of sensing the presence of gas in the air and a method of preparing the sensor.
IT **9002-84-0**, PTFE
RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST (Analytical study); USES (Uses)
(membrane; diffusion rate limited amperometric electrochem. gas sensor with porous membrane containing low vapor pressure liquid phase)
RN 9002-84-0 HCAPLUS

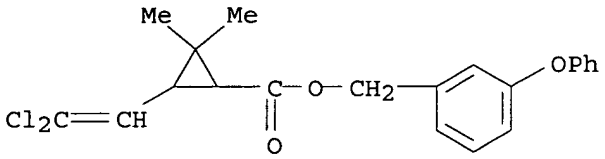
CN Ethene, tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 116-14-3
CMF C2 F4



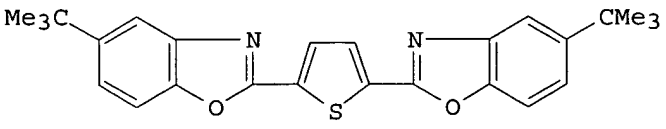
IT **52645-53-1**, Cooper
RL: DEV (Device component use); USES (Uses)
(wire contacts; hydrogen sulfide determination by amperometric gas sensor with
porous membrane containing low vapor pressure liquid phase)
RN 52645-53-1 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl)methyl ester (9CI) (CA INDEX NAME)



L9 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1983:56043 HCAPLUS
DOCUMENT NUMBER: 98:56043
TITLE: Stable preparation of a treatment product for a textile substrate
INVENTOR(S): Abel, Heinz; Becker, Carl; Schaefer, Paul
PATENT ASSIGNEE(S): Ciba-Geigy A.-G. , Switz.
SOURCE: Eur. Pat. Appl., 39 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
EP 58637	A1	19820825	EP 1982-810054		19820208
R: AT, BE, CH, DE, FR, GB, IT, NL, SE					
US 4460374	A	19840717	US 1982-346706		19820208
JP 57149552	A2	19820916	JP 1982-19833		19820212
PRIORITY APPLN. INFO.:			CH 1981-940	A	19810212
			CH 1981-3439	A	19810526
			CH 1981-6946	A	19811030

GI

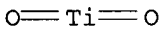


I

AB Stable compns. for the optical whitening of synthetic fiber materials, especially underwear and curtains, contain water-insol. optical whitening agents, a water-insol. organic solvent, a water-insol. carrier for the whitener, and optionally a solid water-insol. **carboxylic acid**, a polar organic solvent, and auxiliaries. Thus, polyester curtains were washed at 40°, rinsed, and treated for 10 min at room temperature with an aqueous liquor containing dioctyl phthalate [117-81-7] 3, Bu benzoate [136-60-7] 25, aliphatic hydrocarbon b. 185-210° 25, benzyl alc. [100-51-6] 39.55, vinyltoluene-acrylate copolymer 7, block ethylene oxide-propylene oxide polymer [9003-11-6] 0.2, and optical brightener (I) [7128-64-5] 0.25%. The pure white curtains obtained had a soft hand.

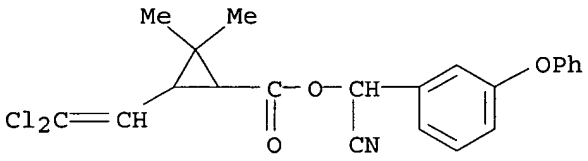
IT **13463-67-7**, uses and miscellaneous
RL: USES (Uses)
(whitening composition containing, stable aqueous, for synthetic fiber curtains and underwear)

RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)

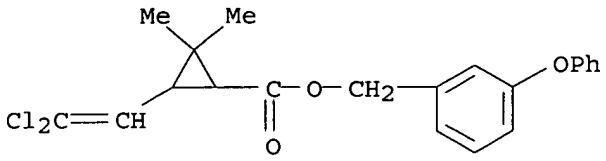


IT **52315-07-8 52645-53-1**
RL: USES (Uses)
(whitening compns. containing, stable aqueous, for synthetic fiber curtains and underwear)

RN 52315-07-8 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl ester (9CI) (CA INDEX NAME)



RN 52645-53-1 HCAPLUS
CN Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl)methyl ester (9CI) (CA INDEX NAME)

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=> => d stat que
L1           727 SEA FILE=REGISTRY ABB=ON  PLU=ON  POLYAMIDES OR NYLON OR
                 NYLONS OR POLYACETAL OR POLYACETALS
L2           471 SEA FILE=REGISTRY ABB=ON  PLU=ON  CARBOXYLIC ACID?/CN OR
                 SULFONIC ACID?/CN OR (SULFONE OR SULPHONE)(L)AMIDE?
L3           269 SEA FILE=REGISTRY ABB=ON  PLU=ON  PERMETHRIN OR PYRETHRIN?  OR
                 PYRETHROI?
L4         15263 SEA FILE=REGISTRY ABB=ON  PLU=ON  INORGANIC(L)FIBER OR FIBROUS
                 OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR ZONO?
L5        198084 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L1 OR POLYAMIDE OR NYLON OR
                 NYLONS OR POLYACETAL OR POLYACETALS
L6        289693 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L2 OR (CARBOXYLIC OR SULFONIC
                 OR SULPHONIC)(W)ACID? OR  (SULFONE OR SULPHONE)(L)AMIDE?
L7         16709 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L3 OR PERMETHRIN OR PYRETHRIN?
                   OR PYRETHROI?
L8       1099753 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L4 OR INORGANIC(L)FIBER OR
                 FIBROUS OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR
                 ZONO?
L9             3 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6 AND L7 AND L8
L11            5 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6 AND L7
L12            2 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L11 NOT L9


=> d ibib abs hitstr l12 1-2

L12  ANSWER 1 OF 2  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2005:426233  HCAPLUS
DOCUMENT NUMBER:          142:468918
TITLE:                    Synergistically-effective composition of zinc
                          ricinoleate and one or more substituted monocyclic
                          organic compounds and use thereof for preventing
                          and/or suppressing malodors
INVENTOR(S):              Parekh, Prabodh P.; Nicoll, Stephen P.; Ramsammy,
                          Vellidum; Colt, Kristine K.; Betz, Alison; Deshpande,
                          Vikas M.; Van Kippersluis, Wijnanda Hendrika; Boden,
                          Richard M.
PATENT ASSIGNEE(S):       USA
SOURCE:                   U.S. Pat. Appl. Publ., 22 pp.
                          CODEN: USXXCO
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     US 2005106192         A1    20050519    US 2003-706888          20031113
     EP 1532990            A1    20050525    EP 2004-256993          20041111
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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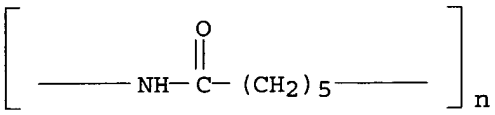
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU
PRIORITY APPLN. INFO.: US 2003-706888 A 20031113
AB Described are synergistically-effective compns. consisting essentially of zinc ricinoleate or solns. thereof and one or more of the substituted monocyclic organic compds.: 1-cyclohexylethan-1-yl butyrate; 1-cyclohexylethan-1-yl acetate; 1-cyclohexylethan-1-ol; 1-(4'-methylethyl)cyclohexylethan-1-yl propionate; and/or 2'-hydroxy-1'-ethyl(2-phenoxy)acetate and uses of same and compns. containing same for preventing and/or suppressing malodors. Also described for the purpose of application to an inanimate laminar substantially solid surface are malodor-suppressing composition-containing stick articles containing an ester-terminated **polyamide** or an amide-terminated **polyamide** structural support polymer in combination with the aforementioned synergistically-effective zinc ricinoleate-substituted monocyclic organic compound composition Also described is a package for conveniently handling the aforementioned stick article. A deodorant stick contained fragrance 30.0, Uniclear 100-LM 69.50, 30:30:40 mixture of 1-cyclohexylethan-1-yl butyrate, 1-cyclohexylethan-1-yl acetate and 2'-hydroxy-1'-ethyl(2-phenoxy)acetate 3.00, and Tego Sorb Concentrate 6.00 parts
by weight

L12 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:402732 HCAPLUS
DOCUMENT NUMBER: 129:64323
TITLE: Insect-repellent thermoplastic moldings containing dibasic acid esters and **pyrethroids**
INVENTOR(S): Tsuruoka, Masafuni; Muramatsu, Takahiro; Tada, Masahiko
PATENT ASSIGNEE(S): Daiwa Kagaku Kogyo K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10167906	A2	19980623	JP 1996-355912	19961205

PRIORITY APPLN. INFO.: JP 1996-355912 19961205
OTHER SOURCE(S): MARPAT 129:64323
AB Title moldings contain synergistic agents, which contain RO2C(CH2)nCO2R (R = C1-8 alkyl; n = 5-18) and 1-50 parts synthetic **pyrethroid** insecticides and are kneaded into thermoplastic resins in molten states. MC 112 (6 **nylon**) film containing 0.05% agent comprising DBS (di-Bu sebacate) 94, phenothrin 1, and piperonyl butoxide 5% showed 94.3% repellency against Dermatophagoides pteronyssinus.
IT **25038-54-4**, MC 112, uses
RL: POF (Polymer in formulation); USES (Uses)
(insect-repellent thermoplastic moldings containing dibasic acid esters and **pyrethroids**)
RN 25038-54-4 HCAPLUS
CN Poly[imino(1-oxo-1,6-hexanediyl)] (9CI) (CA INDEX NAME)



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L1          727 SEA FILE=REGISTRY ABB=ON  PLU=ON  POLYAMIDES OR NYLON OR
                NYLONS OR POLYACETAL OR POLYACETALS
L2          471 SEA FILE=REGISTRY ABB=ON  PLU=ON  CARBOXYLIC ACID?/CN OR
                SULFONIC ACID?/CN OR (SULFONE OR SULPHONE)(L)AMIDE?
L3          269 SEA FILE=REGISTRY ABB=ON  PLU=ON  PERMETHRIN OR PYRETHRIN?  OR
                PYRETHROI?
L4        15263 SEA FILE=REGISTRY ABB=ON  PLU=ON  INORGANIC(L)FIBER OR FIBROUS
                OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR ZONO?
L5       198084 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L1 OR POLYAMIDE OR NYLON OR
                NYLONS OR POLYACETAL OR POLYACETALS
L6       289693 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L2 OR (CARBOXYLIC OR SULFONIC
                OR SULPHONIC)(W)ACID? OR  (SULFONE OR SULPHONE)(L)AMIDE?
L7        16709 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L3 OR PERMETHRIN OR PYRETHRIN?
                  OR PYRETHROI?
L8      1099753 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L4 OR INORGANIC(L)FIBER OR
                FIBROUS OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR
                ZONO?
L9            3 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6 AND L7 AND L8
L11           5 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6 AND L7
L12           2 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L11 NOT L9
L13        7863 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6
L14          45 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L13 AND (?INSECT? OR ?PESTIC?
                OR PEST(5A)GROW? OR ?MITICIDE?)
L15          10 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L14 AND L8
L16           9 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L15 NOT (L9 OR L12)


=> d ibib abs hitstr l16 1-9

L16  ANSWER 1 OF 9  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2004:510765  HCAPLUS
DOCUMENT NUMBER:          141:76369
TITLE:                    Multifunctional compositions comprising polyhedral
                          oligomeric silsesquioxanes (POSS) for surface cleaning
                          and protection applications
INVENTOR(S):              Yang, Kaiyuan; MacDonald, John Gavin; Malik, Sohail;
                          Huang, Yanbin
PATENT ASSIGNEE(S):       USA
SOURCE:                   U.S. Pat. Appl. Publ., 32 pp.
                          CODEN: USXXCO
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     --------------      ----   --------    --------------------    --------
     US 2004120915        A1    20040624    US 2002-324555          20021219
     WO 2004060330        A2    20040722    WO 2003-US36405         20031113
     WO 2004060330        A3    20041007
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-324555 A 20021219

AB The present invention relates to the preparation of surface cleaning and protection compns. A typical embodiment of this invention may be a lotion, a soap, a cream, an aerosol, a gel, a medicinal lotion, a fabric cleanser, a furniture polish, an automobile polish, and a cleanser for other solid surfaces. The use of polyhedral oligomeric silsesquioxane (POSS) allows greater flexibility in delivering active agents to a surface as well as for surface protection from irritants. The current invention discloses compns. for a variety of applications ranging from skin care, home hygiene, health care, entertainment, and children training/education. The compns. may provide mol.-level benefits, form breathable protection layers on a surface (e.g. skin), provide UV protection, provide foaming effects or allow users (consumers) to know when or if the cleaning is complete.

IT **7631-86-9**, **Silica**, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(mol.; multifunctional compns. comprising polyhedral oligomeric silsesquioxanes (POSS) for surface cleaning and protection applications)
RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

O=Si=O

IT **13463-67-7**, Titanium dioxide, biological studies
14475-38-8, Silanol
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(multifunctional compns. comprising polyhedral oligomeric silsesquioxanes (POSS) for surface cleaning and protection applications)
RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)

O=Ti=O

RN 14475-38-8 HCAPLUS
CN Silanol (7CI, 8CI, 9CI) (CA INDEX NAME)

HO-SiH_3

L16 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:783145 HCAPLUS
DOCUMENT NUMBER: 139:293418

TITLE: Sustained-release porous fine particles and their manufacture
INVENTOR(S): Fujii, Naoyuki; Nakayama, Takashi
PATENT ASSIGNEE(S): Enex Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003286196	A2	20031007	JP 2002-90755	20020328
PRIORITY APPLN. INFO.:			JP 2002-90755	20020328

AB Title particles comprise dyes, fragrant materials, **pesticides**, pharmaceuticals, etc., encapsulated by permeable substances and supported on porous fine particles, and are manufactured by soaking porous fine particles in solns. containing the dyes, etc., and permeable substances, followed by removing the solvents. Thus, SE MCB-FP/2 (porous **silica** fine particles) was impregnated with aqueous solution of Direct Blue 4BL (dye), evaporated in vacuo, impregnated with aqueous gelatin solution, and evaporated in vacuo to give porous fine particles, which released the dye much more slowly than controls without gelatin.

IT **7631-86-9**, SE MCB-FP/2, uses
RL: AGR (Agricultural use); COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(porous fine particles; manufacture of sustained-release materials encapsulated by permeable substances and supported on porous fine particles)
RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

O=Si=O

IT **1344-28-1**, Alumina, uses
RL: AGR (Agricultural use); COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(porous fine particles; manufacture of sustained-release materials encapsulated by permeable substances and supported on porous fine particles)
RN 1344-28-1 HCAPLUS
CN Aluminum oxide (Al2O3) (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L16 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:242218 HCAPLUS
DOCUMENT NUMBER: 138:260398
TITLE: Method for removing noxious substances from blood or fermentation broth using functionalized hollow fiber

adsorbers
INVENTOR(S): Hoffmann, Michael; Horres, Roland; Hoffmann, Erika; Kuesters, Sabine; Erdtmann, Martin
PATENT ASSIGNEE(S): Hemoteq G.m.b.H., Germany
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003024587	A2	20030327	WO 2002-DE3527	20020920
WO 2003024587	A3	20030710		

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10147463	A1	20030417	DE 2001-10147463	20010920
PRIORITY APPLN. INFO.:			DE 2001-10147463 A	20010920

AB The invention relates to a method for producing an adsorber for removing noxious substances from full blood and/or plasma and cell culture media. The invention further relates to an adsorber in the form of hollow fibers or non-aggregated particles and to the use of said adsorber, and to a method for removing noxious substances from full blood and/or plasma using a device that comprises the adsorber according to the invention.

IT **1344-28-1**, Alumina, uses **7631-86-9**, **Silica**, uses **9002-84-0**, PTFE
RL: DEV (Device component use); NUU (Other use, unclassified); USES (Uses)
(method for removing noxious substances from blood or fermentation broth using functionalized hollow fiber adsorbers)
RN 1344-28-1 HCAPLUS
CN Aluminum oxide (Al2O3) (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

O=Si=O

RN 9002-84-0 HCAPLUS
CN Ethene, tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)

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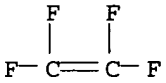
CRN 116-14-3
CMF C2 F4



L16 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:850724 HCAPLUS
DOCUMENT NUMBER: 135:376535
TITLE: Composition for make-up or skin-care in a powdery form containing a particular binder
INVENTOR(S): Hadasch, Anke; Lemann, Patricia; Simonnet, Jean-tierry
PATENT ASSIGNEE(S): L'oreal, Fr.
SOURCE: Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1155676	A2	20011121	EP 2001-401249	20010515
EP 1155676	A3	20021218		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2808999	A1	20011123	FR 2000-6448	20000519
FR 2808999	B1	20021031		
JP 2002020236	A2	20020123	JP 2001-148415	20010517
CN 1331967	A	20020123	CN 2001-122173	20010518
US 2002041854	A1	20020411	US 2001-860567	20010521
PRIORITY APPLN. INFO.:			FR 2000-6448 A	20000519

OTHER SOURCE(S): MARPAT 135:376535

AB A make-up composition contains a powdery phase and a binding phase which a continuous aqueous phase. A binding phase contained iso-Pr myristate 1.64, castor oil 2.46, vaseline oil 12.36, liquid lanolin 1.26, water 70.95, imidazolinyl urea 0.3, glycerin 5, Acylglutamate HS-11 0.03, phytantriol 2.97, vaseline 2.28, chlorphenesine 0.25, and polyoxyethylene sorbitan monopalmitate 0.5%. A cosmetic make-up contained talc 77.06, iron oxide 2.74, **Nylon** powder 10, titanium oxide 1, preservative 0.2, and above binding phase 9%.

IT **7631-86-9**, **Silica**, biological studies **9002-84-0**, Polytetrafluoroethylene **13463-67-7**, Titanium oxide, biological studies **24937-14-2**, Poly(β-alanine) **25513-34-2**, Poly(β-alanine)
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(composition for make-up or skin-care in powdery form containing particular binder)

RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

RN 9002-84-0 HCAPLUS
CN Ethene, tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)

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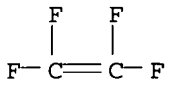
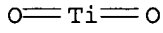
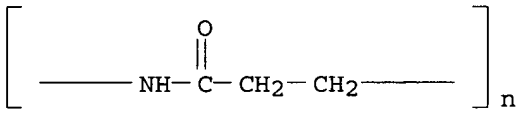
CRN 116-14-3
CMF C2 F4



RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)



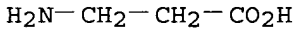
RN 24937-14-2 HCAPLUS
CN Poly[imino(1-oxo-1,3-propanediyl)] (9CI) (CA INDEX NAME)



RN 25513-34-2 HCAPLUS
CN β-Alanine, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 107-95-9
CMF C3 H7 N O2



L16 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:724187 HCAPLUS
DOCUMENT NUMBER: 126:4221
TITLE: Method of photochemical immobilization of ligands using quinones
INVENTOR(S): Jacobsen, Mogens Havsteen; Koch, Troels
PATENT ASSIGNEE(S): Jacobsen, Mogens, Havsteen, Den.
SOURCE: PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9631557	A1	19961010	WO 1996-DK167	19960403

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT,

LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN

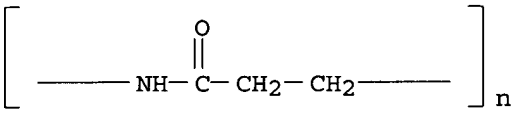
CA 2217053	AA	19961010	CA 1996-2217053	19960403
AU 9653329	A1	19961023	AU 1996-53329	19960403
AU 699321	B2	19981203		
EP 820483	A1	19980128	EP 1996-909990	19960403
EP 820483	B1	20001213		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
JP 11505554	T2	19990521	JP 1996-529895	19960403
JP 3124037	B2	20010115		
AT 198079	E	20001215	AT 1996-909990	19960403
ES 2153097	T3	20010216	ES 1996-909990	19960403
PT 820483	T	20010330	PT 1996-909990	19960403
US 6033784	A	20000307	US 1997-930623	19971007
GR 3035079	T3	20010330	GR 2000-402602	20001214
PRIORITY APPLN. INFO.:			DK 1995-425 A	19950407
			WO 1996-DK167 W	19960403

OTHER SOURCE(S): CASREACT 126:4221; MARPAT 126:4221

AB A method is disclosed for immobilizing a ligand on the surface of a carbon-containing substrate material, said method comprising a photochem. step of linking ≥1 photochem. reactive compds. to a carbon-containing material surface, wherein the photochem. reactive compound is a quinone compound containing a cyclic hydrocarbon or 2-10 fused cyclic hydrocarbons, with at least 2 conjugated carbonyl groups, and wherein the photochem. step comprises irradiation of the photochem. reactive compound with nonionizing electromagnetic radiation having a wavelength in the range from UV to visible light. The products of this invention can be used as, e.g., carriers for solid-phase immunoassays.

IT **24937-14-2**, Poly-β-alanine **25513-34-2**, Poly-β-alanine **25734-27-4**, Polyglycine
RL: ARU (Analytical role, unclassified); NUU (Other use, unclassified); ANST (Analytical study); USES (Uses)
(photochem. immobilization of ligands using quinones)

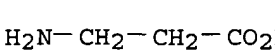
RN 24937-14-2 HCAPLUS
CN Poly[imino(1-oxo-1,3-propanediyl)] (9CI) (CA INDEX NAME)



RN 25513-34-2 HCAPLUS
CN β-Alanine, homopolymer (9CI) (CA INDEX NAME)

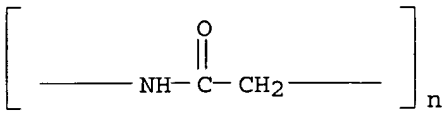
CM 1

CRN 107-95-9
CMF C3 H7 N O2

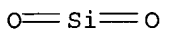


RN 25734-27-4 HCAPLUS

CN Poly[imino(1-oxo-1,2-ethanediyl)] (9CI) (CA INDEX NAME)



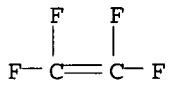
IT **7631-86-9**, **Silica**, analysis **9002-84-0**,
Polytetrafluoroethylene
RL: ARU (Analytical role, unclassified); NUU (Other use, unclassified); RCT (Reactant); ANST (Analytical study); RACT (Reactant or reagent); USES (Uses)
(photochem. immobilization of ligands using quinones)
RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 9002-84-0 HCAPLUS
CN Ethene, tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 116-14-3
CMF C2 F4



L16 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:56236 HCAPLUS
DOCUMENT NUMBER: 124:81470
TITLE: Texaphyrin immobilization on solid supports and medical devices
INVENTOR(S): Sessler, Jonathan L.; Iverson, Brent L.; Kral, Vladimir; Thomas, Richard E.; Smith, Daniel A.; Magda, Darren
PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA; Pharmacyclics, Inc.
SOURCE: PCT Int. Appl., 128 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

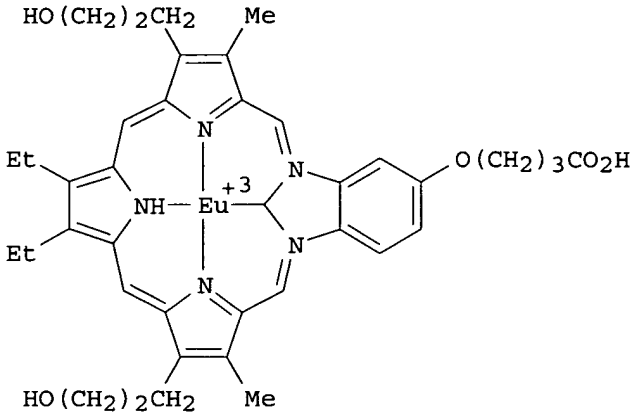
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9529702	A1	19951109	WO 1995-US5421	19950428
W: JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 758250	A1	19970219	EP 1995-920377	19950428

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

JP 09512557	T2	19971216	JP 1995-528480		19950428
PRIORITY APPLN. INFO.:			US 1994-236218	A	19940428
			WO 1995-US5421	W	19950428

OTHER SOURCE(S): MARPAT 124:81470

GI



I

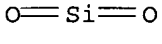
AB Novel matrix-supported texaphyrins are provided in which a polymeric or solid matrix is covalently modified by the addition of ≥1 texaphyrin or texaphyrin derivative Polymer-supported texaphyrins may be used as chromatog. supports, e.g., in the separation of neutral and anionic species, and in applications involving phosphate ester hydrolysis, other catalytic schemes, MRI, and photodynamic therapy. Thus, Eu-texaphyrincarboxylic acid I was treated with carbodiimide and 1-hydroxybenzotriazole and then coupled to 3-aminopropyl **silica** gel. A **silica** bead-supported lanthanide-texaphyrin complex was used to remove RNA contaminants from plasmid DNA by utilizing the susceptibility of RNA to hydrolysis by the lanthanide complex catalyst.

IT **1344-28-1**, Alumina, uses **7631-86-9**, **Silica**, uses
RL: NUU (Other use, unclassified); USES (Uses)
(texaphyrin immobilization on solid supports and medical devices)

RN 1344-28-1 HCAPLUS
CN Aluminum oxide (Al2O3) (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



L16 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:	1994:293590 HCAPLUS
DOCUMENT NUMBER:	120:293590
TITLE:	Separation method with auxiliary ligand-binder pairs in immunological detection of multiple analytes
INVENTOR(S):	Abuknesha, Ramadan Arbi
PATENT ASSIGNEE(S):	GEC-Marconi Ltd., UK

SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9403807	A1	19940217	WO 1993-GB1627	19930802
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
GB 2270976	A1	19940330	GB 1992-19743	19920918
GB 2261948	A1	19930602	GB 1992-24897	19921127
GB 2261949	A1	19930602	GB 1992-24898	19921127
EP 653065	A1	19950517	EP 1993-917967	19930802
EP 653065	B1	20021030		
R: DE, FR				

PRIORITY APPLN. INFO.:

GB 1992-16450	A	19920803
GB 1992-16683	A	19920806
GB 1992-19743	A	19920918
GB 1992-20722	A	19921001
GB 1992-24897	A	19921127
GB 1992-24898	A	19921127
GB 1991-25204	A	19911127
GB 1991-25218	A	19911127
WO 1993-GB1627	W	19930802

AB A separation method which finds application in immunol. detection, a method suitable for use in detection, a sensor, and a test kit are disclosed. The invention provides a separation method suitable for use in an immunol. method for the detection of >1 species, which includes the use of >1 auxiliary ligand-binder pairs, the auxiliary ligand of each of the plurality of auxiliary ligand-binder pairs being provided on a support material. The invention also provides a separation method which includes the use of a plurality of auxiliary ligand-binder pairs, an auxiliary ligand of one auxiliary ligand-binder pair being provided on a support material and a binder of another auxiliary ligand-binder pair, which pair comprises an auxiliary ligand-auxiliary binder pair, being provided on a support material. The invention is useful for detection of multiple analytes. 17β-Estradiol, progesterone and L-thyroxine were selected as analytes to illustrate the use of >1 auxiliary ligand-auxiliary binder pairs in sepns. of multiple analytes for immunol. detection. The auxiliary ligands used were 7-hydroxy-4-methylcoumarin-3propionic acid, 2-(4-aminophenyl)-6-methylthiazole hemiglutarate, and 2-phenyl-4-quinoline **carboxylic acid**; auxiliary binders were antibodies to these ligands.

IT **7631-86-9D**, **Silica**, derivs., uses
RL: USES (Uses)
(auxiliary ligand immobilized on, in separation for multiple analyte immunol. detection)

RN 7631-86-9 HCAPLUS
CN Silica (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

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L16 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:21939 HCAPLUS
DOCUMENT NUMBER: 118:21939

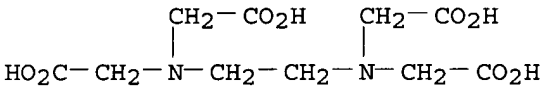
TITLE: Process for preparing 2,3-dichloro-N,N-dimethylpropylamine
INVENTOR(S): Ren, Sifang; Wang, Xianquan; Xu, Peiyuan
PATENT ASSIGNEE(S): Shenyang Chemical Institute, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1061957	A	19920617	CN 1990-106452	19901130
PRIORITY APPLN. INFO.:			CN 1990-106452	19901130

AB Me2NCH2CHClCH2Cl (I), an intermediate for several **insecticides**, is prepared and purified. The purity is improved by addition of 0.05-10 weight% aliphatic or aromatic polyhydric compds., polybasic **carboxylic acids**, **polyamides**, etc. to adsorb and precipitate colloidal Fe(OH)3. Oxalic acid (1.85 g) was added to 0.2 mol. aqueous I.HCl to solution, and 35-40% alkali was added to neutralization to give 97.7% I. Also used were EDTA, hexaacetylenetetramine, citric acid, and catechol.

IT **60-00-4**, EDTA, uses
RL: USES (Uses)
(additive, for removal of iron hydroxide in purification of dichlorodimethylpropylamine)

RN 60-00-4 HCAPLUS
CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)- (9CI) (CA INDEX NAME)



L16 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1989:513732 HCAPLUS
DOCUMENT NUMBER: 111:113732
TITLE: Method for resolution of stereoisomers in multiphase and extractive membrane reactors
INVENTOR(S): Matson, Stephen L.
PATENT ASSIGNEE(S): Sepracor, Inc., USA
SOURCE: PCT Int. Appl., 130 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8807582	A1	19881006	WO 1988-US1098	19880331
W: AU, BB, BG, BR, DK, FI, HU, JP, KP, KR, LK, MC, MG, MW, NO, RO, SD, SU				
RW: AT, BE, BJ, CF, CG, CH, CM, DE, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG				
US 4800162	A	19890124	US 1987-33962	19870401
IN 166947	A	19900811	IN 1988-MA205	19880330

AU 8816814	A1	19881102	AU 1988-16814	19880331
AU 605589	B2	19910117		
EP 353248	A1	19900207	EP 1988-904053	19880331
EP 353248	B1	19950329		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
BR 8807438	A	19900410	BR 1988-7438	19880331
JP 02502875	T2	19900913	JP 1988-503756	19880331
IL 85938	A1	19930708	IL 1988-85938	19880331
AT 120495	E	19950415	AT 1988-904053	19880331
CA 1266248	A1	19900227	CA 1988-563328	19880405
KR 9705052	B1	19970411	KR 1988-71515	19881122
DK 8904818	A	19891201	DK 1989-4818	19890929
SU 1825378	A3	19930630	SU 1989-4742278	19890929
PRIORITY APPLN. INFO.:			US 1987-33962 A	19870401
			WO 1988-US1098 A	19880331

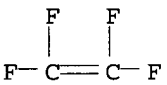
AB Novel methods utilizing multiphase extractive membrane bioreactors are disclosed that selectively produce pure or substantially purified optically active compds. from achiral precursors or mixts. of isomers. The invention involves the use of fluids immiscible with one another on the opposite sides of an enzyme-containing membrane. A multiphase reactor used for resolving naproxen comprises a solvent-resistant membrane module fabricated with polyacrylonitrile and ultrafiltration hollow fibers wherein lipase of Candida cylindracea was entrapped. The Me ester of naproxen 42 g was slowly added to Me iso-Bu ketone 225 mL to final concentrate 0.75 M and the pH was controlled at 8.5. The organic solution of the naproxen ester was passed through the apparatus and optically active naproxen was collected in the aqueous phase. The hydrolytic rate for the 1st 45 min was 35 μmol/h and 9-14 μmol/h for the next 36 h.

IT **9002-84-0**, Polytetrafluoroethylene
RL: BIOL (Biological study)
(membranes of, in multiphase and extractive enzyme reactors for stereoisomer resolution)

RN 9002-84-0 HCAPLUS
CN Ethene, tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 116-14-3
CMF C2 F4



IT **9016-18-6**, Carboxyl esterase
RL: BIOL (Biological study)
(multiphase and extractive membrane reactors containing, for stereoisomer resolution)

RN 9016-18-6 HCAPLUS
CN Esterase, carboxyl (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> => d stat que
L1 727 SEA FILE=REGISTRY ABB=ON PLU=ON POLYAMIDES OR NYLON OR NYLONS OR POLYACETAL OR POLYACETALS
L2 471 SEA FILE=REGISTRY ABB=ON PLU=ON CARBOXYLIC ACID?/CN OR

		SULFONIC ACID?/CN OR (SULFONE OR SULPHONE)(L)AMIDE?
L3	269	SEA FILE=REGISTRY ABB=ON PLU=ON PERMETHRIN OR PYRETHRIN? OR PYRETHROI?
L4	15263	SEA FILE=REGISTRY ABB=ON PLU=ON INORGANIC(L)FIBER OR FIBROUS OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR ZONO?
L5	198084	SEA FILE=HCAPLUS ABB=ON PLU=ON L1 OR POLYAMIDE OR NYLON OR NYLONS OR POLYACETAL OR POLYACETALS
L6	289693	SEA FILE=HCAPLUS ABB=ON PLU=ON L2 OR (CARBOXYLIC OR SULFONIC OR SULPHONIC)(W)ACID? OR (SULFONE OR SULPHONE)(L)AMIDE?
L7	16709	SEA FILE=HCAPLUS ABB=ON PLU=ON L3 OR PERMETHRIN OR PYRETHRIN? OR PYRETHROI?
L8	1099753	SEA FILE=HCAPLUS ABB=ON PLU=ON L4 OR INORGANIC(L)FIBER OR FIBROUS OR TITANATE OR TITANIA OR SILICA OR WOLLASTONIT? OR ZONO?
L9	3	SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6 AND L7 AND L8
L10	6783	SEA FILE=REGISTRY ABB=ON PLU=ON RESIN OR RESINS OR POLYAMIDE OR POLYACETL
L11	5	SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6 AND L7
L12	2	SEA FILE=HCAPLUS ABB=ON PLU=ON L11 NOT L9
L13	7863	SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6
L14	45	SEA FILE=HCAPLUS ABB=ON PLU=ON L13 AND (?INSECT? OR ?PESTIC? OR PEST(5A)GROW? OR ?MITICIDE?)
L15	10	SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND L8
L16	9	SEA FILE=HCAPLUS ABB=ON PLU=ON L15 NOT (L9 OR L12)
L17	143469	SEA FILE=REGISTRY ABB=ON PLU=ON SILICON OR CARBAMATE
L18	629	SEA FILE=REGISTRY ABB=ON PLU=ON CHLORONICOTIN? OR IMIDACLOPRID OR SILAFLUOFEN OR BENFURACARB OR ALANICARB OR METOXADIAZONE OR CARBOSULFAN OR PHENOBCARB OR CARBARYL OR METHOMYL OR PROPOXUR OR PHENOXYCARB OR PYRETHROID? OR PYRETHRIN?
L19	325	SEA FILE=REGISTRY ABB=ON PLU=ON ALLETHRIN OR RESMETHRIN OR BIOALLETHRIN OR PHTHALTHRIN OR RESMETHRIN OR FURAMETHRIN OR PROPARTH? OR PERMETHRIN OR PERMETHRINE OR ACRINATHRIN OR ETOFENPROX OR TRALOMETHRIN OR PHENOTHRIN OR FENVALER?
L20	307	SEA FILE=REGISTRY ABB=ON PLU=ON EMPENTHRIN OR PRARETHRIN OR TEFLUTHRIN OR DICHLOROVOS OR FENITROTHION OR DIAZINON OR MALATHION OR PROPAPHOS OR FENTHION OR TRICHLORFON OR NALED OR TEMEPHOS OR FENCLOPHOS OR CHLORPYRIPHOS? OR CIAFOS
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L22	139	SEA FILE=REGISTRY ABB=ON PLU=ON LUFENURON OR CHLORFLUAZURON OR MITICIDE OR KELTHANE OR CHLORFENAPYR OR TEBUFENPYRAD OR PYRIDABEN OR MILBEMECTIN OR FENPYROXIMATE
L23	1404196	SEA FILE=HCAPLUS ABB=ON PLU=ON L17 OR SILICON OR CARBAMATE
L24	29733	SEA FILE=HCAPLUS ABB=ON PLU=ON L18 OR CHLORONICOTIN? OR IMIDACLOPRID OR SILAFLUOFEN OR BENFURACARB OR ALANICARB OR METOXADIAZONE OR CARBOSULFAN OR PHENOBCARB OR CARBARYL OR METHOMYL OR PROPOXUR OR PHENOXYCARB OR PYRETHROID? OR PYRETHRIN?
L25	13456	SEA FILE=HCAPLUS ABB=ON PLU=ON L19 OR ALLETHRIN OR RESMETHRIN OR BIOALLETHRIN OR PHTHALTHRIN OR RESMETHRIN OR FURAMETHRIN OR PROPARTH? OR PERMETHRIN OR PERMETHRINE OR ACRINATHRIN OR ETOFENPROX OR TRALOMETHRIN OR PHENOTHRIN OR FENVALER?
L26	35745	SEA FILE=HCAPLUS ABB=ON PLU=ON L20 OR EMPENTHRIN OR PRARETHRIN OR TEFLUTHRIN OR DICHLOROVOS OR FENITROTHION OR DIAZINON OR MALATHION OR PROPAPHOS OR FENTHION OR TRICHLORFON OR NALED OR TEMEPHOS OR FENCLOPHOS OR CHLORPYRIPHOS? OR CIAFOS
L27	11612	SEA FILE=HCAPLUS ABB=ON PLU=ON L21 OR CALCROFOS OR AZAMETHIPHOS OR PYRIDAFENTHIO? OR PROPETAMPHOS OR CHLOROPYRIPHOS OR

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                METHOPRENE OR PYRIPROXYFEN OR KINOPRENE OR HYDROPRENE OR
                DIOFENOLAN OR NC(W)170 OR FLUFENOXURON OR DIFLUBENZURON
L28         5275 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L22 OR LUFENURON OR CHLORFLUAZ
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                OR PYRIDABEN OR MILBEMECTIN OR FENPYROXIMATE
L29      1187801 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L10 OR RESIN
L30      1280976 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 OR L29
L31         3507 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L30 AND L6 AND (L23 OR L24 OR
                L25 OR L26 OR L27 OR L28)
L32         1971 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L31 AND L4
L33           38 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L32 AND (?INSECT? OR ?PESTIC?
                OR PEST(5A)GROW? OR ?MITICIDE?)
L34           30 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L33 NOT (L9 OR L12 OR L16)


=> d ibib abs hitstr l34 1-30

L34  ANSWER 1 OF 30  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2005:1201004  HCAPLUS
DOCUMENT NUMBER:          143:465611
TITLE:                    Personal care compositions comprising a silicone
                          resin with enhanced sun protection properties,
                          method of manufacture, and method of use thereof
INVENTOR(S):              Rojas-Wahl, Roy U.; Kuo, An-Li; Rajaraman, Suresh K.
PATENT ASSIGNEE(S):       USA
SOURCE:                   U.S. Pat. Appl. Publ., 11 pp.
                          CODEN: USXXCO
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     US 2005249690         A1    20051110    US 2005-105750          20050414
PRIORITY APPLN. INFO.:                       US 2004-569725P      P  20040510
AB   The present invention relates to personal care compns., and in particular
     to personal care compns. comprising a silicone resin that
     provide enhanced sun protection.  Specifically, the composition comprises a
     silicone resin of the generic formula: MQ, wherein the ratio of
     M to Q is about from 0.01/1 to about 3.96/1; MxDyTz, wherein x is about
     0.01 to about 3,900,000, y is about 0.035 to about 10,000,000, z is about
     0.35 to about 8,000,000; TD, wherein the ratio of T to D is about 0.001/1
     to about 73/1; or a combination comprising at least one of the foregoing
     resins, wherein the resin or resin combination
     is present in an amount effective to increase the SPF of the formulation at
     least about 10% over the same formulation without the resin or
     resin combination.  The silicone resins are easily
     formulated, provide a unique non-tacky sensory experience and exhibit
     advantageous spreadability while permitting the introduction of addnl.
     functional benefits such as homogeneity, better organic compatibility,
     reduced skin irritation and improved skin feel or shine.
IT   409-21-2, SiC, biological studies 12047-27-7, Barium
     Titanate, biological studies 12049-50-2, Calcium titanium oxide
     (CaTiO3) 12060-59-2, Strontium Titanate
     RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
        (personal care compns. comprising silicone resin with
        enhanced sun protection properties, method of manufacture, and method of use
        thereof)
RN   409-21-2  HCAPLUS
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